



Attorney Docket No. 015837-0275409

21/D
AF/1/00
E. Williams
6-6-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **RECEIVED**

JUN 05 2002

In re PATENT APPLICATION OF

F. Abel PONCE DE LEON et al.

Group Art Unit: 1633

TECH CENTER 1600/2900

Application No. 09/127,738

Examiner: Michael C. Wilson

Filed: August 3, 1998

Title: PRODUCTION OF AVIAN EMBRYONIC GERM (EG) CELL LINES BY PROLONGED CULTURING OF PGCs, USE THEREOF FOR CLONING AND CHIMERIZATION

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REPLY AND AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated December 2, 2001, please amend the above-identified application as follows.

IN THE CLAIMS:

Please amend Claims 1, 3, 9, 12-14, 18, 19, 21-23, and 25-30 as shown below:

1. (Thrice Amended) A method of obtaining avian embryonic germ (EG) cells comprising:

- (i) isolating primordial germ cells (PGCs) from an avian embryo; and
- (ii) culturing said PGCs in the absence of a feeder layer in a culture medium

comprising

- (1) leukemia inhibitory factor (LIF),
- (2) basic fibroblast growth factor (bFGF),
- (3) stem cell factor (SCF) and
- (4) insulin-like growth factor (IGF),

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